

LiVPO_4F

Crystal system : Triclinic
Space group no : P-1/ (1)
 $a = 5.1738$ (0.002)
 $b = 5.3096$ (0.002)
 $c = 7.2503$ (0.001)
 $\alpha = 72.4794$ (0.06)
 $\beta = 107.7677$ (0.04)
 $\gamma = 81.3757$ (0.04)
UC vol = 174.53 \AA^3

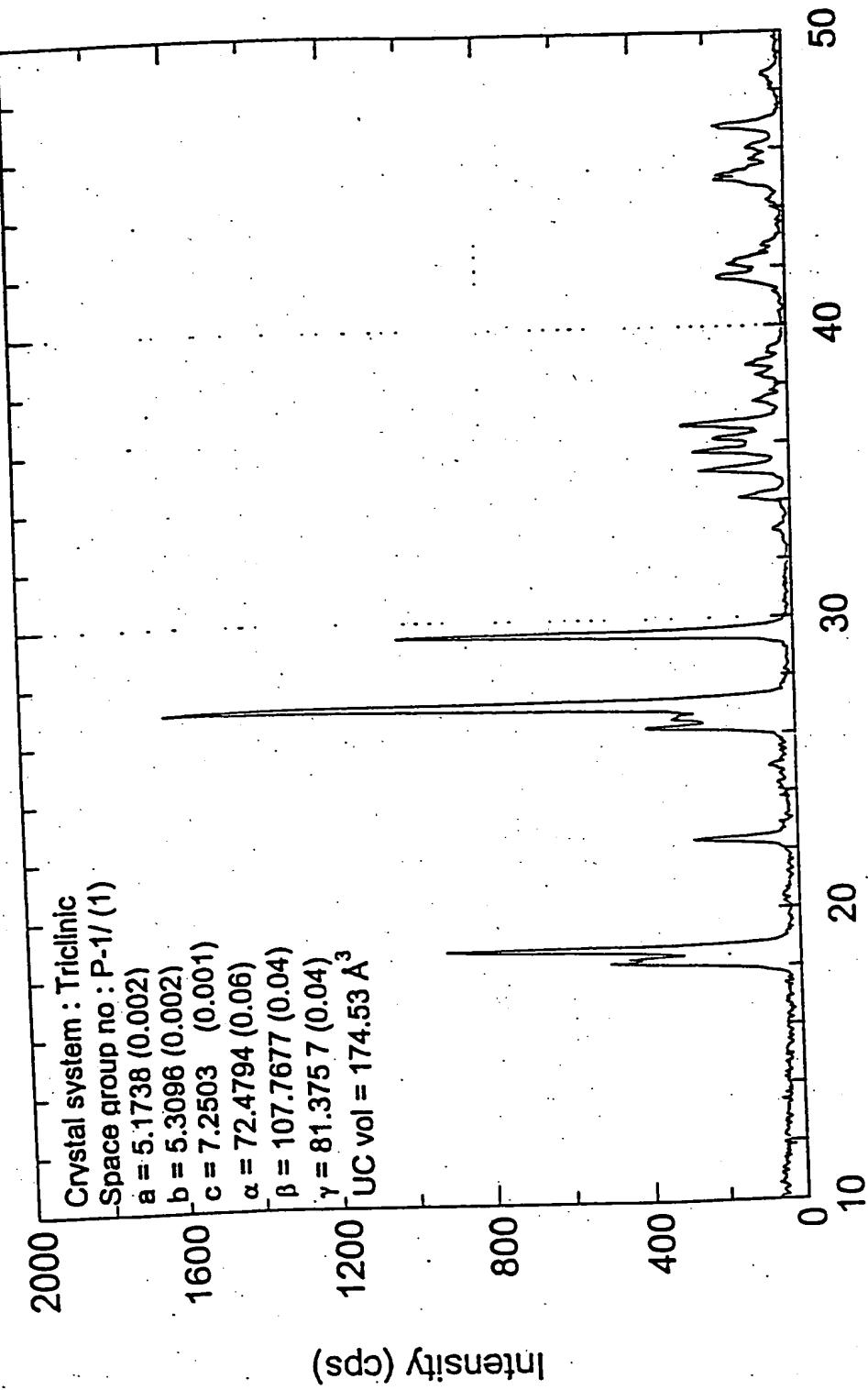


Figure 1

$2\theta (\text{ }^\circ)$

Li₁V_{0.4}O₄F 700C/15mins/Box Oven 29.4 mg active

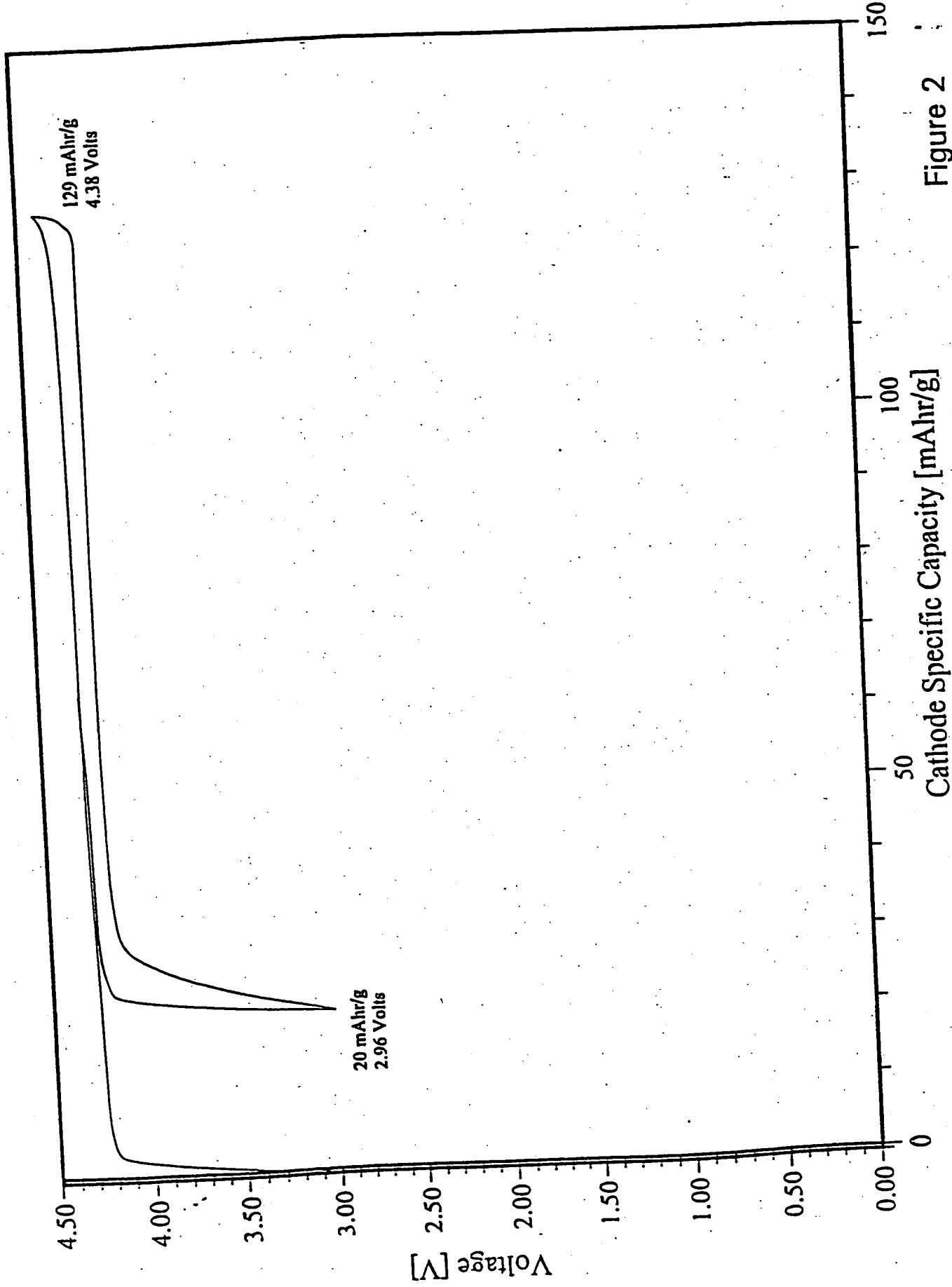


Figure 2
Cathode Specific Capacity [mAhr/g]

LiVPO₄F

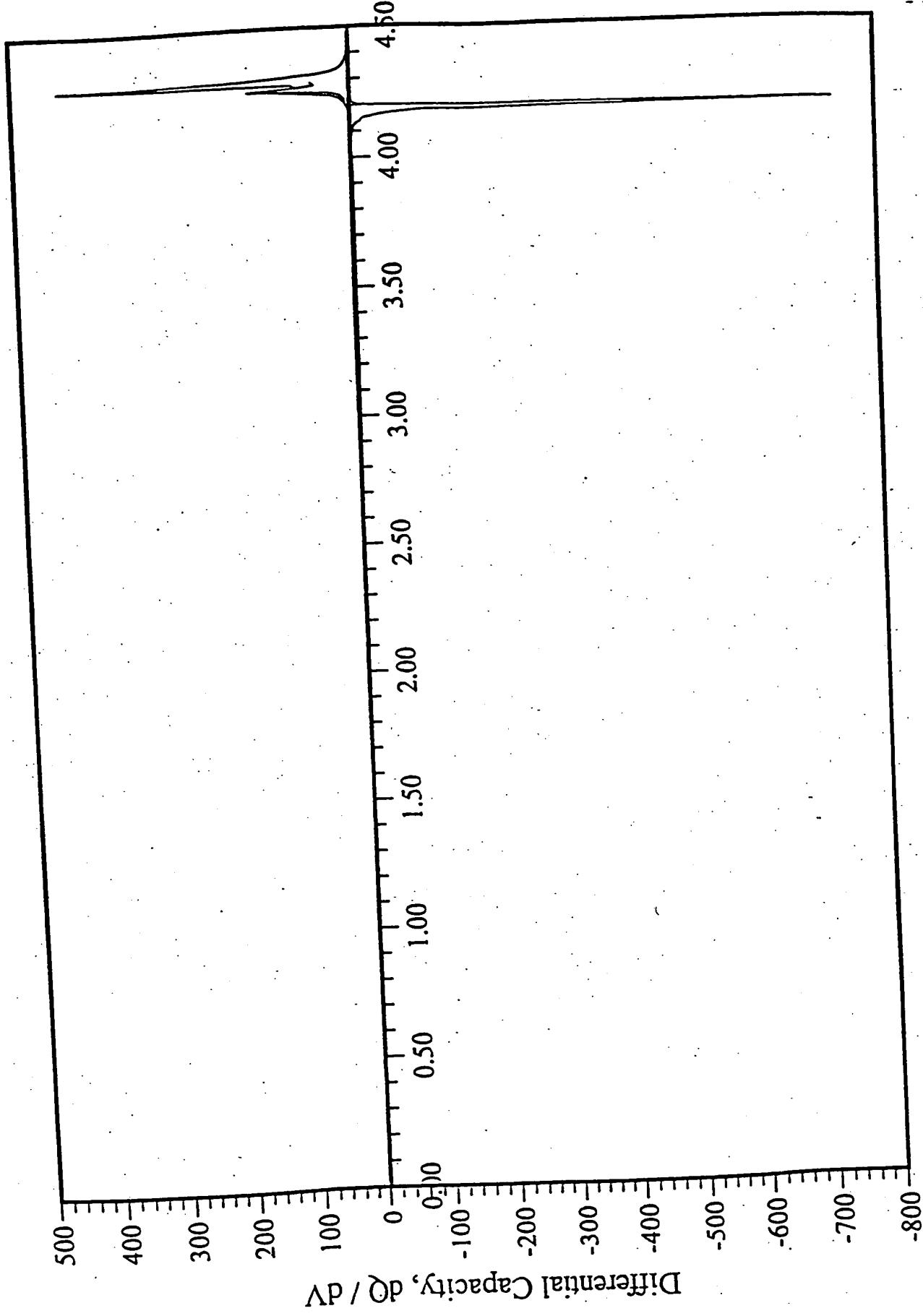


Figure 3

LiFePO_4F

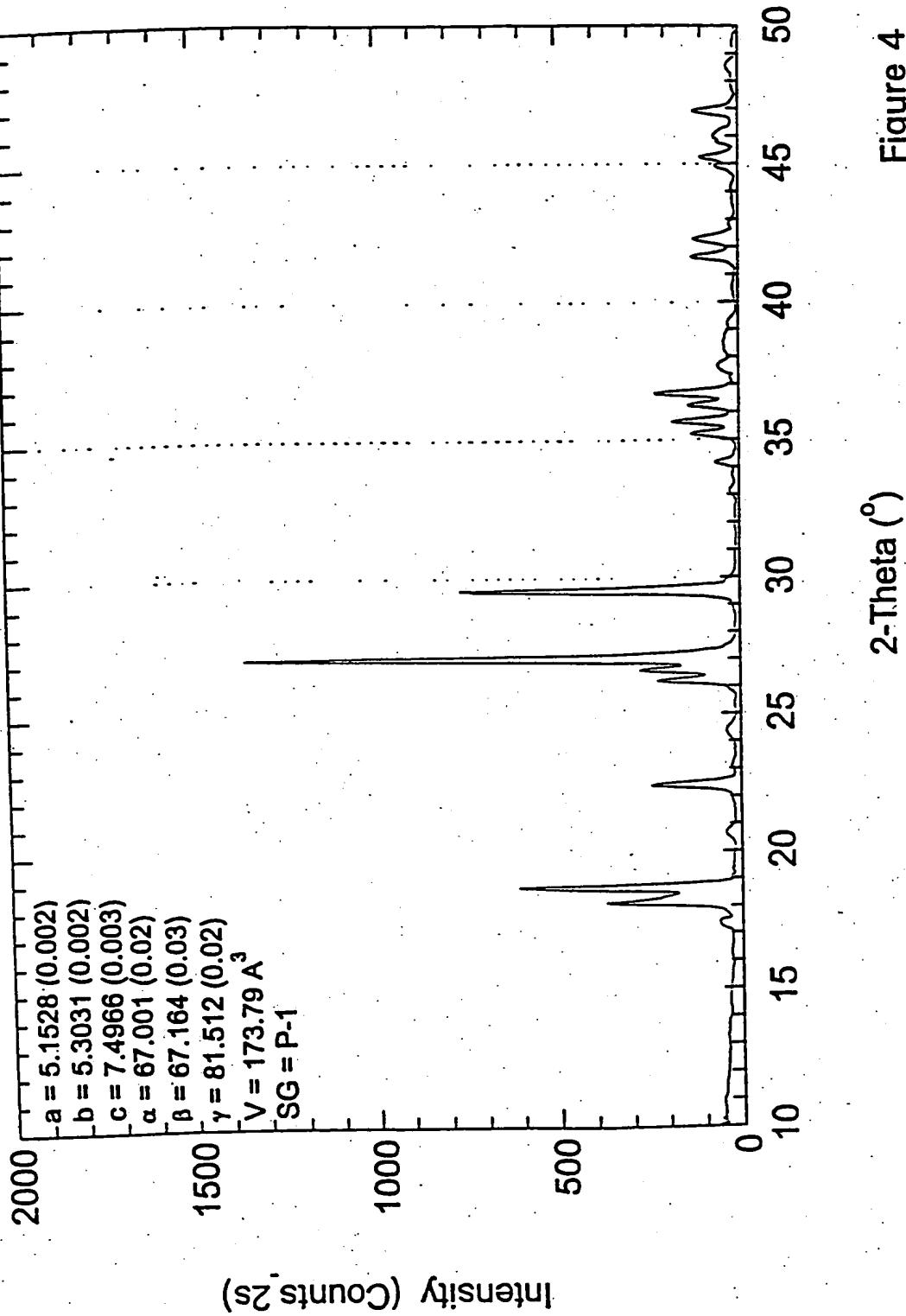


Figure 4
2-Theta ($^\circ$)

LiTiPO_4F

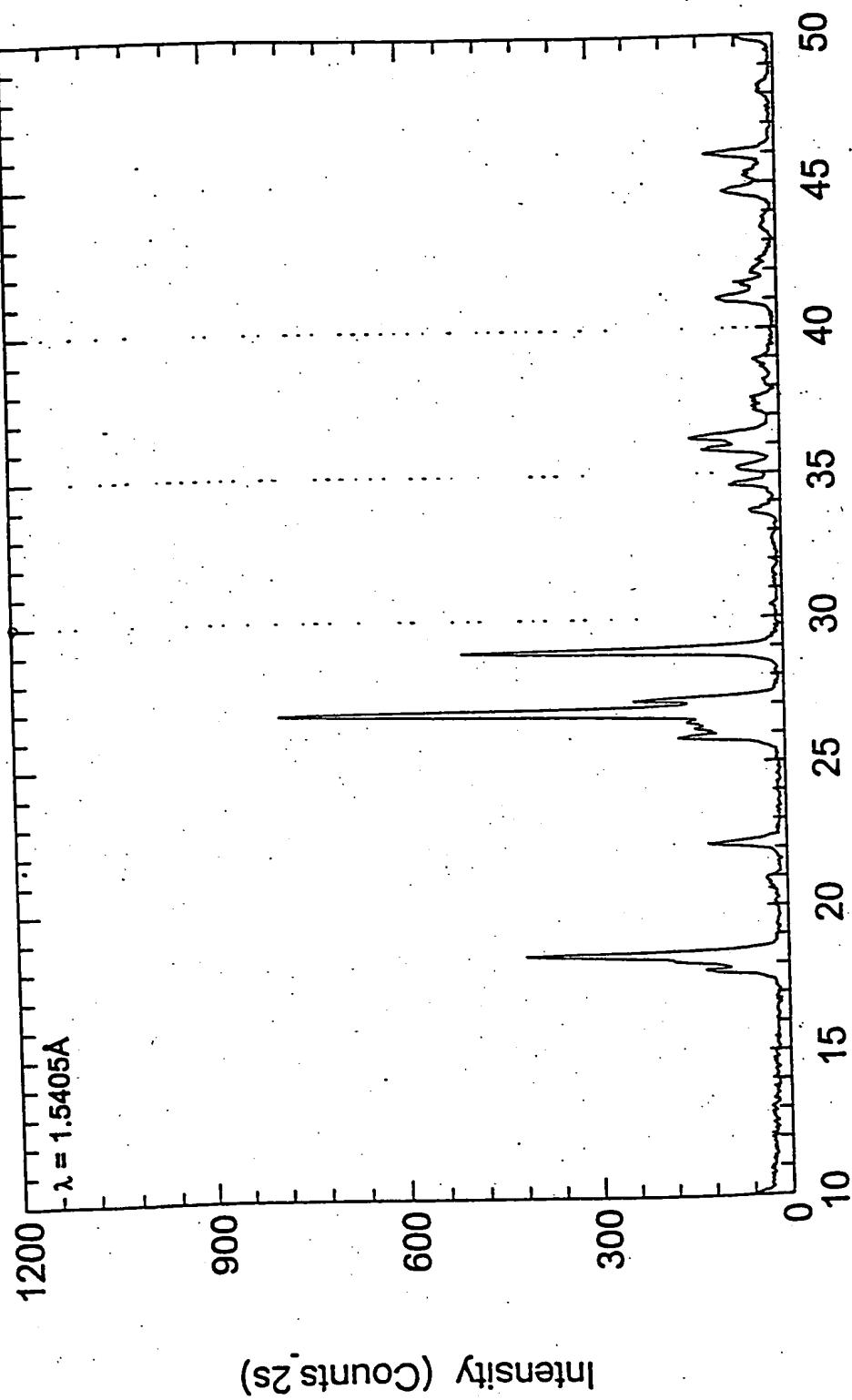


Figure 5
2-Theta ($^{\circ}$)

LiCrPO_4F

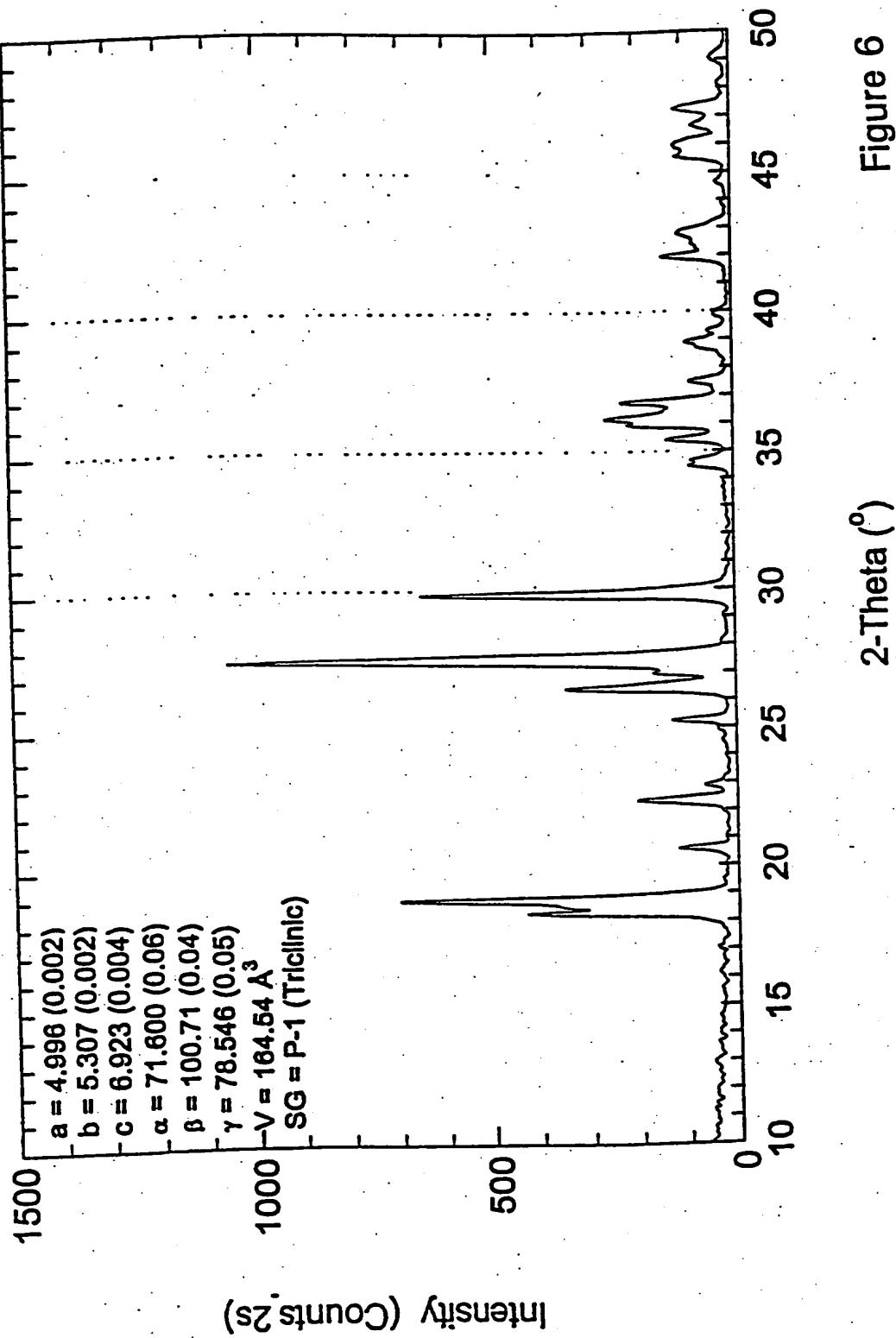


Figure 6

2-Theta ($^\circ$)

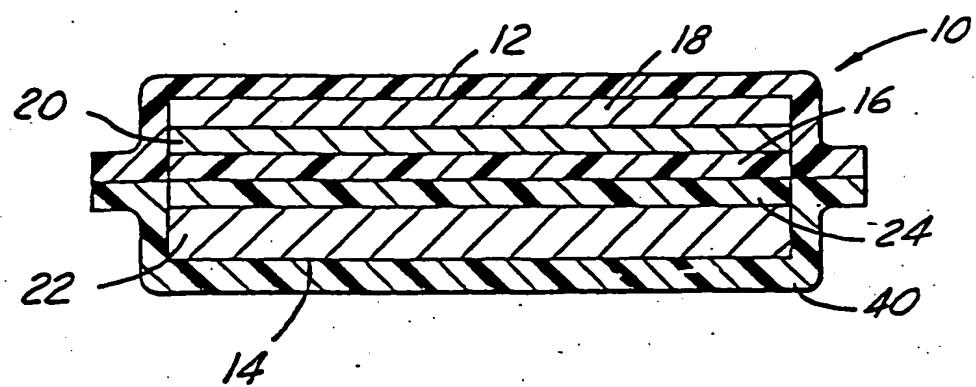


Figure 7

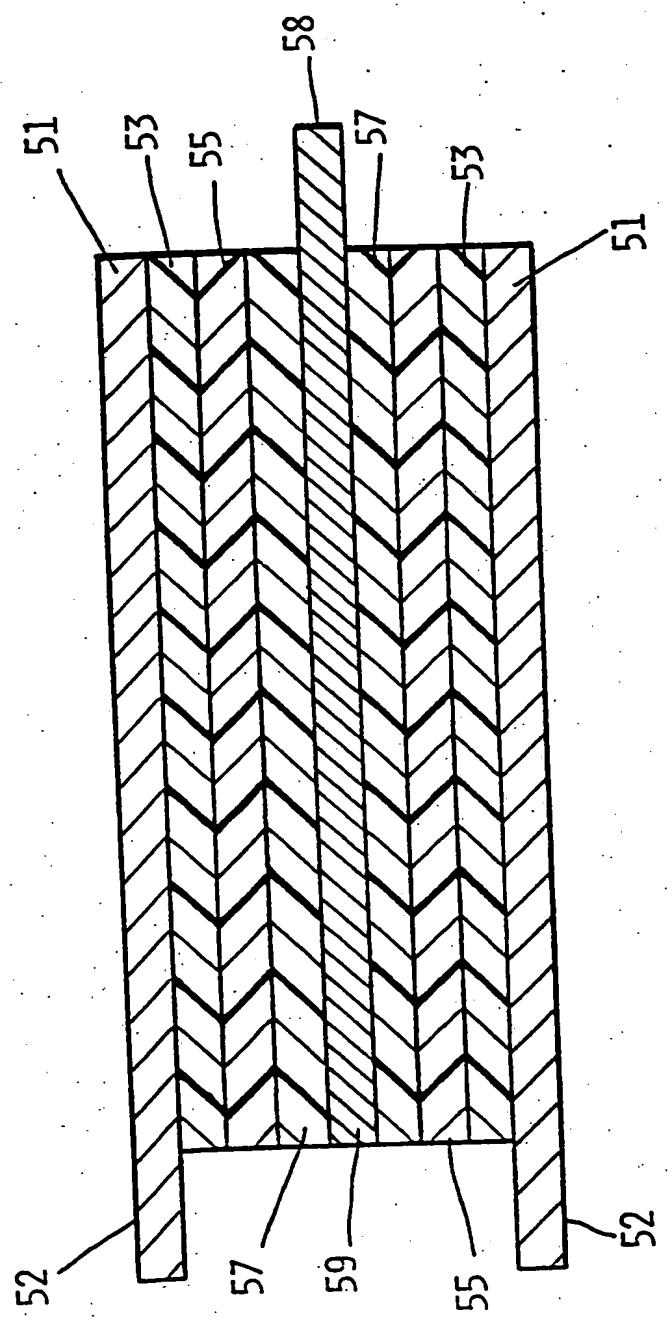


Figure 8

(LiFePO₄ - Fe reduction / 50% - 8hrs))

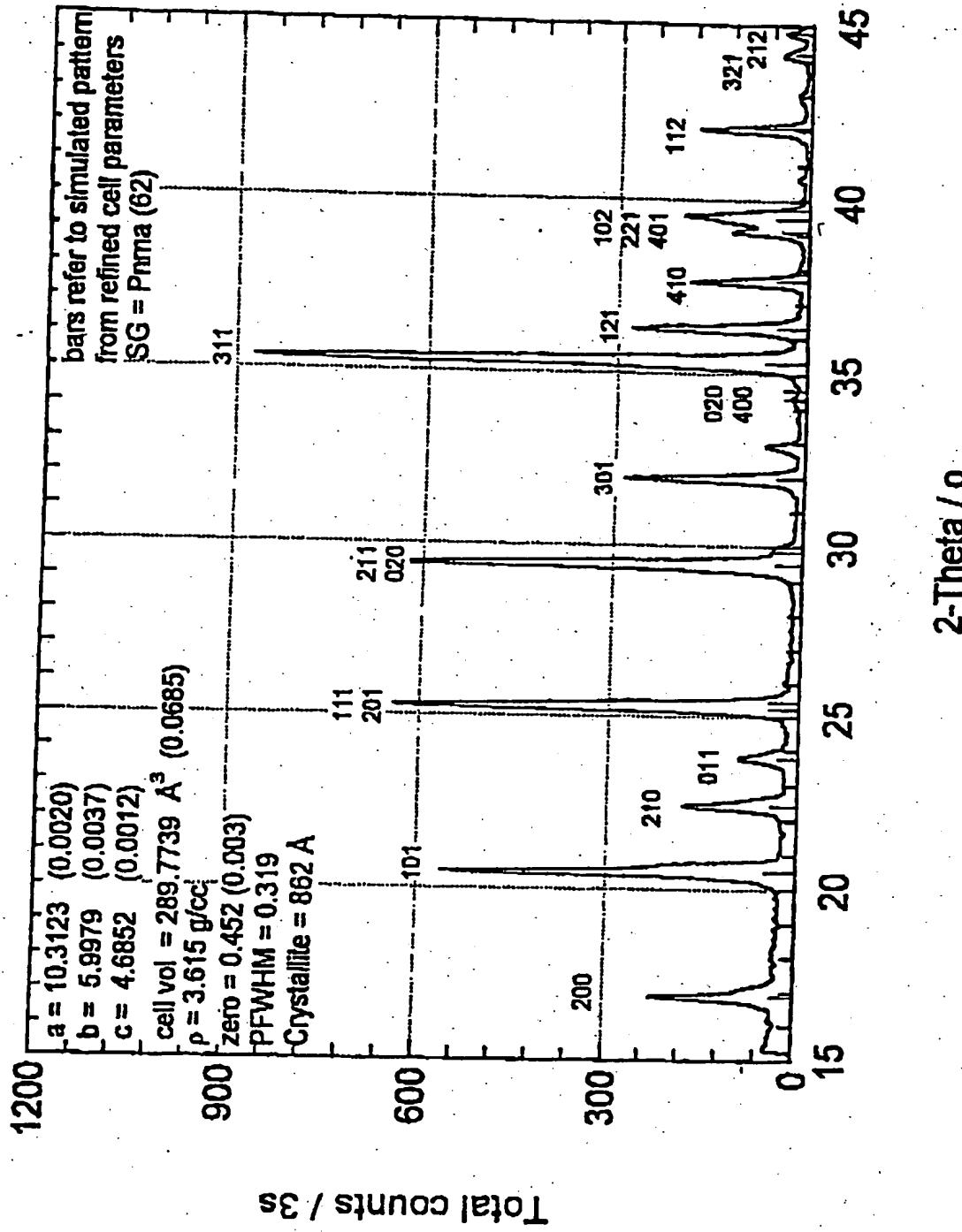


Figure 9

LiFePO₄ Prepared by Fe reduction method 10.7 mg active

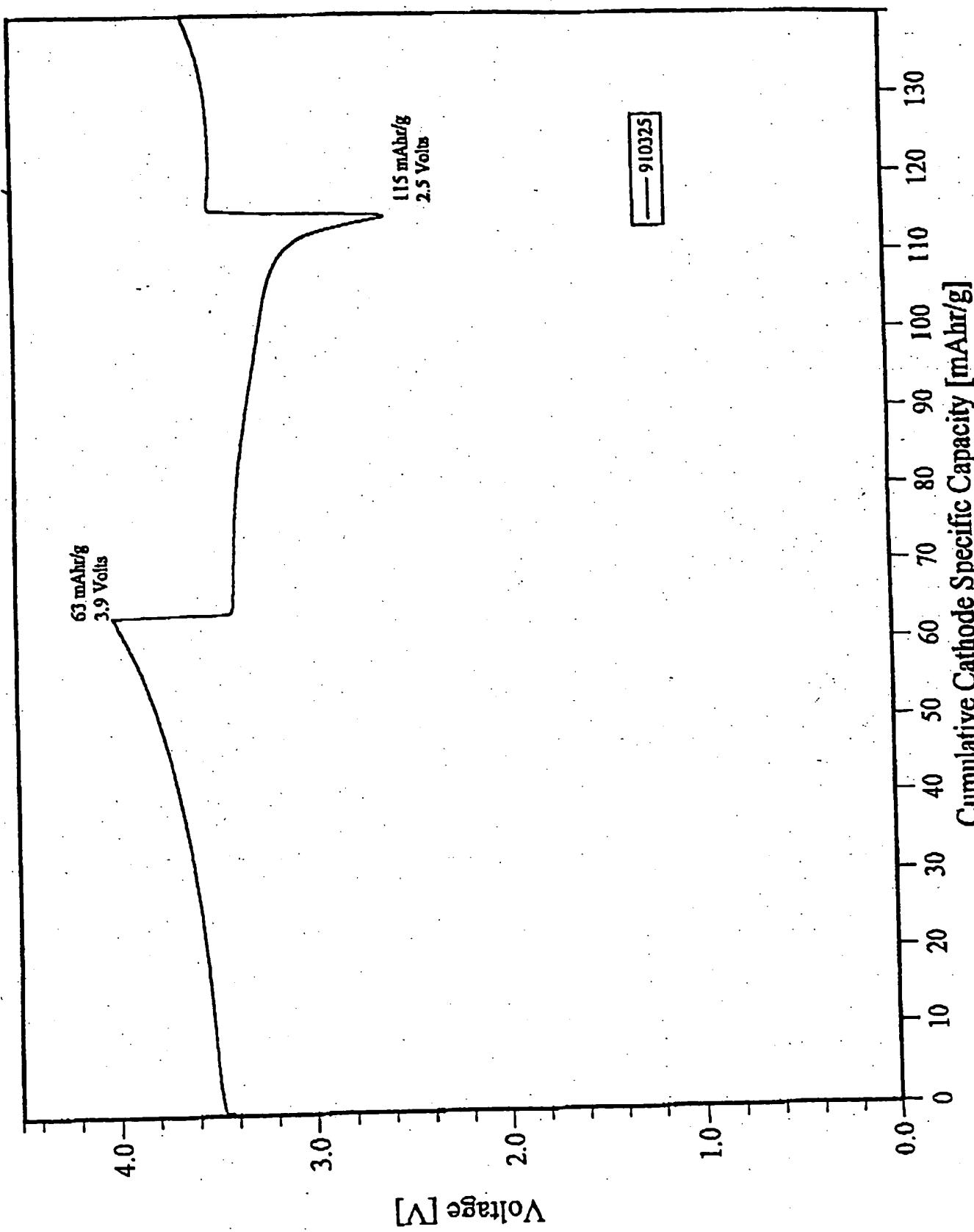


Figure 10